==========
Sequence Listing was accepted.
See attached Validation Report.
If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).
Reviewer: Durreshwar Anjum
Timestamp: [year=2011; month=4; day=20; hr=9; min=12; sec=0; ms=140;]
==========

Validated By CRFValidator v 1.0.3

Application No: 10501411 Version No: 3.0

Input Set:

Output Set:

Started: 2011-04-12 14:43:56.618
Finished: 2011-04-12 14:44:06.400
Elapsed: 0 hr(s) 0 min(s) 9 sec(s) 782 ms
Total Warnings: 319
Total Errors: 357
No. of SeqIDs Defined: 344
Actual SeqID Count: 344

Error code		Error Description
W	251	Found intentionally skipped sequence in SEQID (4)
W	402	Undefined organism found in <213> in SEQ ID (5)
W	402	Undefined organism found in <213> in SEQ ID (6)
W	402	Undefined organism found in <213> in SEQ ID (8)
W	402	Undefined organism found in <213> in SEQ ID (9)
W	213	Artificial or Unknown found in <213> in SEQ ID (10)
E	224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (10)
W	402	Undefined organism found in <213> in SEQ ID (11)
W	213	Artificial or Unknown found in <213> in SEQ ID (12)
E	224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (12)
W	402	Undefined organism found in <213> in SEQ ID (13)
W	402	Undefined organism found in <213> in SEQ ID (16)
W	213	Artificial or Unknown found in <213> in SEQ ID (20)
E	224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (20)
W	402	Undefined organism found in <213> in SEQ ID (21)
W	213	Artificial or Unknown found in <213> in SEQ ID (23)
E	224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (23)
W	402	Undefined organism found in <213> in SEQ ID (24)

Input Set:

Output Set:

Started: 2011-04-12 14:43:56.618
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Total Warnings: 319
Total Errors: 357
No. of SeqIDs Defined: 344
Actual SeqID Count: 344

Error code		Error Description
W	402	Undefined organism found in <213> in SEQ ID (26)
W	402	Undefined organism found in <213> in SEQ ID (30)
W	213	Artificial or Unknown found in <213> in SEQ ID (34)
E	224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (34)
W	213	Artificial or Unknown found in <213> in SEQ ID (36)
E	224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (36)
W	213	Artificial or Unknown found in <213> in SEQ ID (37)
E	224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (37)
W	213	Artificial or Unknown found in <213> in SEQ ID (38)
E	224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (38)
W	213	Artificial or Unknown found in <213> in SEQ ID (39)
E	224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (39)
W	213	Artificial or Unknown found in <213> in SEQ ID (40)
E	224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (40)
W	213	Artificial or Unknown found in <213> in SEQ ID (41)
E	224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (41)
W	213	Artificial or Unknown found in <213> in SEQ ID (42)
E	224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (42)
W	213	Artificial or Unknown found in <213> in SEQ ID (43)

Input Set:

Output Set:

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Total Warnings: 319
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No. of SeqIDs Defined: 344
Actual SeqID Count: 344

Error code		Error Description
E	224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (43)
W	213	Artificial or Unknown found in <213> in SEQ ID (44)
E	224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (44)
W	213	Artificial or Unknown found in <213> in SEQ ID (45)
E	224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (45)
W	213	Artificial or Unknown found in <213> in SEQ ID (46)
E	224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (46)
W	213	Artificial or Unknown found in <213> in SEQ ID (47)
E	224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (47)
W	213	Artificial or Unknown found in <213> in SEQ ID (48)
E	224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (48)
W	213	Artificial or Unknown found in <213> in SEQ ID (49)
E	224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (49)
W	213	Artificial or Unknown found in <213> in SEQ ID (50) This error has occured more than 20 times, will not be displayed
E	224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (50) This error has occured more than 20 times, will not be displayed
E	257	Invalid sequence data feature in <221> in SEQ ID (220)
E	257	Invalid sequence data feature in <221> in SEQ ID (222)
E	257	Invalid sequence data feature in <221> in SEQ ID (223)

Input Set:

Output Set:

Started: 2011-04-12 14:43:56.618
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Total Warnings: 319
Total Errors: 357
No. of SeqIDs Defined: 344
Actual SeqID Count: 344

Error code	Error Description
E 257	Invalid sequence data feature in <221> in SEQ ID (225)
E 257	Invalid sequence data feature in <221> in SEQ ID (229)
E 257	Invalid sequence data feature in <221> in SEQ ID (230)
E 257	Invalid sequence data feature in <221> in SEQ ID (231)
E 257	Invalid sequence data feature in <221> in SEQ ID (233)
E 257	Invalid sequence data feature in <221> in SEQ ID (235)
E 257	Invalid sequence data feature in <221> in SEQ ID (242)
E 257	Invalid sequence data feature in <221> in SEQ ID (243)
E 257	Invalid sequence data feature in <221> in SEQ ID (244)
E 257	Invalid sequence data feature in <221> in SEQ ID (246)
E 257	Invalid sequence data feature in <221> in SEQ ID (247)
E 257	Invalid sequence data feature in <221> in SEQ ID (250)
E 257	Invalid sequence data feature in <221> in SEQ ID (251)
E 257	Invalid sequence data feature in <221> in SEQ ID (254)
E 257	Invalid sequence data feature in <221> in SEQ ID (256)
E 257	Invalid sequence data feature in <221> in SEQ ID (261)
E 257	Invalid sequence data feature in <221> in SEQ ID (262) This error has occured more than 20 times, will not be displayed
W 251	Found intentionally skipped sequence in SEQID (278)
W 251	Found intentionally skipped sequence in SEQID (283)
W 251	Found intentionally skipped sequence in SEQID (284)
W 251	Found intentionally skipped sequence in SEQID (285)
W 251	Found intentionally skipped sequence in SEQID (286)

Input Set:

Output Set:

Started: 2011-04-12 14:43:56.618
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No. of SeqIDs Defined: 344
Actual SeqID Count: 344

Error code	Error Description
W 251	Found intentionally skipped sequence in SEQID (287)
W 251	Found intentionally skipped sequence in SEQID (288)

SEQUENCE LISTING

<110> COWLEY, MICHAEL
CONE, ROGER
LOW, MALCOLM JAMES DUNCAN
BUTLER, ANDREW
BLOOM, STEPHEN ROBERT
SMALL, CAROLINE JANE
BATTERHAM, RACHEL LOUISE
GHATEI, MOHAMMED ALI

<120> MODIFICATION OF FEEDING BEHAVIOR

<130> W2023-7044US

<140> 10501411
<141> 2005-07-07

<150> PCT/GB03/00062
<151> 2003-01-10

<150> PCT/US02/31944
<151> 2002-09-24

<150> 60/392,109
<151> 2002-06-28

<150> GB 0200507.2
<151> 2002-01-10

<160> 344

<170> PatentIn version 3.5

<210> 1
<211> 36
<212> PRT
<213> Homo sapiens

<400> 1
Tyr Pro Ile Lys Pro Glu Ala Pro Gly Glu Asp Ala Ser Pro Glu Glu
1 5 10 15

Leu Asn Arg Tyr Tyr Ala Ser Leu Arg His Tyr Leu Asn Leu Val Thr
20 25 30

Arg Gln Arg Tyr
35

<210> 2
<211> 36
<212> PRT
<213> Homo sapiens

<400> 2
Tyr Pro Ser Lys Pro Asp Asn Pro Gly Glu Asp Ala Pro Ala Glu Asp
1   5   10   15

Met Ala Arg Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
            20   25   30

Arg Gln Arg Tyr
        35

<210> 3
<211> 36
<212> PRT
<213> Homo sapiens

<400> 3
Ala Ser Leu Glu Pro Glu Tyr Pro Gly Asp Asn Ala Thr Pro Glu Gln
1   5   10   15

Met Ala Gln Tyr Ala Ala Glu Leu Arg Arg Tyr Ile Asn Met Leu Thr
            20   25   30

Arg Pro Arg Tyr
        35

<210> 4

<400> 4
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<210> 5
<211> 36
<212> PRT
<213> Rattus sp.

<400> 5
Tyr Pro Ala Lys Pro Glu Ala Pro Gly Glu Asp Ala Ser Pro Glu Glu
1   5   10   15

Leu Ser Arg Tyr Tyr Ala Ser Leu Arg His Tyr Leu Asn Leu Val Thr
            20   25   30

Arg Gln Arg Tyr
        35

<210> 6

<211> 36
<212> PRT
<213> Sus sp.

<400> 6
Tyr Pro Ala Lys Pro Glu Ala Pro Gly Glu Asp Ala Ser Pro Glu Glu
1   5   10   15

Leu Ser Arg Tyr Tyr Ala Ser Leu Arg His Tyr Leu Asn Leu Val Thr
            20   25   30

Arg Gln Arg Tyr
        35

<210> 7
<211> 36
<212> PRT
<213> Cavia porcellus

<400> 7
Tyr Pro Ser Lys Pro Glu Ala Pro Gly Ser Asp Ala Ser Pro Glu Glu
1   5   10   15

Leu Ala Arg Tyr Tyr Ala Ser Leu Arg His Tyr Leu Asn Leu Val Thr
            20   25   30

Arg Gln Arg Tyr
        35

<210> 8
<211> 36
<212> PRT
<213> Rana sp.

<400> 8
Tyr Pro Pro Lys Pro Glu Asn Pro Gly Glu Asp Ala Ser Pro Glu Glu
1   5   10   15

Met Thr Lys Tyr Leu Thr Ala Leu Arg His Tyr Ile Asn Leu Val Thr
            20   25   30

Arg Gln Arg Tyr
        35

<210> 9
<211> 36
<212> PRT
<213> Raja sp.

<400> 9
Tyr Pro Pro Lys Pro Glu Asn Pro Gly Asp Asp Ala Ala Pro Glu Glu
1   5   10   15

Leu Ala Lys Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
            20   25   30

Arg Gln Arg Tyr
        35

<210> 10
<211> 36
<212> PRT
<213> Unknown

<220>
<221> source
<223> /note="Description of Unknown: Dogfish PYY polypeptide"

<400> 10
Tyr Pro Pro Lys Pro Glu Asn Pro Gly Glu Asp Ala Pro Pro Glu Glu
1   5   10   15

Leu Ala Lys Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
            20   25   30

Arg Gln Arg Tyr
        35

<210> 11
<211> 36
<212> PRT
<213> Lampetra sp.

<400> 11
Phe Pro Pro Lys Pro Asp Asn Pro Gly Asp Asn Ala Ser Pro Glu Gln
1   5   10   15

Met Ala Arg Tyr Lys Ala Ala Val Arg His Tyr Ile Asn Leu Ile Thr
            20   25   30

Arg Gln Arg Tyr
        35

<210> 12
<211> 36
<212> PRT

<213> Unknown

<220>
<221> source
<223> /note="Description of Unknown: Petromyzontidae PYY
polypeptide"

<400> 12
Met Pro Pro Lys Pro Asp Asn Pro Ser Pro Asp Ala Ser Pro Glu Glu
1 5 10 15

Leu Ser Lys Tyr Met Leu Ala Val Arg Asn Tyr Ile Asn Leu Ile Thr
20 25 30

Arg Gln Arg Tyr
35

<210> 13
<211> 36
<212> PRT
<213> Rattus sp.

<400> 13
Tyr Pro Ser Lys Pro Asp Asn Pro Gly Glu Asp Ala Pro Ala Glu Asp
1 5 10 15

Met Ala Arg Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
20 25 30

Arg Gln Arg Tyr
35

<210> 14
<211> 36
<212> PRT
<213> Oryctolagus cuniculus

<400> 14
Tyr Pro Ser Lys Pro Asp Asn Pro Gly Glu Asp Ala Pro Ala Glu Asp
1 5 10 15

Met Ala Arg Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
20 25 30

Arg Gln Arg Tyr
35

<210> 15

<211> 36
<212> PRT
<213> Canis familiaris

<400> 15
Tyr Pro Ser Lys Pro Asp Asn Pro Gly Glu Asp Ala Pro Ala Glu Asp
1   5   10   15

Met Ala Arg Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
            20   25   30

Arg Gln Arg Tyr
        35

<210> 16
<211> 36
<212> PRT
<213> Sus sp.

<400> 16
Tyr Pro Ser Lys Pro Asp Asn Pro Gly Glu Asp Ala Pro Ala Glu Asp
1   5   10   15

Leu Ala Arg Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
            20   25   30

Arg Gln Arg Tyr
        35

<210> 17
<211> 36
<212> PRT
<213> Bos taurus

<400> 17
Tyr Pro Ser Lys Pro Asp Asn Pro Gly Glu Asp Ala Pro Ala Glu Asp
1   5   10   15

Leu Ala Arg Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
            20   25   30

Arg Gln Arg Tyr
        35

<210> 18
<211> 36
<212> PRT
<213> Ovis aries

<400> 18
Tyr Pro Ser Lys Pro Asp Asn Pro Gly Asp Asp Ala Pro Ala Glu Asp
1   5   10   15

Leu Ala Arg Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
            20   25   30

Arg Gln Arg Tyr
        35

<210> 19
<211> 36
<212> PRT
<213> Cavia porcellus

<400> 19
Tyr Pro Ser Lys Pro Asp Asn Pro Gly Glu Asp Ala Pro Ala Glu Asp
1   5   10   15

Met Ala Arg Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
            20   25   30

Arg Gln Arg Tyr
        35

<210> 20
<211> 36
<212> PRT
<213> Unknown

<220>
<221> source
<223> /note="Description of Unknown: Avian Neuropeptide Y
      polypeptide"

<400> 20
Tyr Pro Ser Lys Pro Asp Ser Pro Gly Glu Asp Ala Pro Ala Glu Asp
1   5   10   15

Met Ala Arg Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
            20   25   30

Arg Gln Arg Tyr
        35

<210> 21
<211> 36

<212> PRT
<213> Rana sp.

<400> 21
Tyr Pro Ser Lys Pro Asp Asn Pro Gly Glu Asp Ala Pro Ala Glu Asp
1   5   10   15

Met Ala Lys Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
            20   25   30

Arg Gln Arg Tyr
        35

<210> 22
<211> 36
<212> PRT
<213> Carassius auratus

<400> 22
Tyr Pro Thr Lys Pro Asp Asn Pro Gly Glu Gly Ala Pro Ala Glu Glu
1   5   10   15

Leu Ala Lys Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
            20   25   30

Arg Gln Arg Tyr
        35

<210> 23
<211> 36
<212> PRT
<213> Unknown

<220>
<221> source
<223> /note="Description of Unknown: Dogfish Neuropeptide Y
      polypeptide"

<400> 23
Tyr Pro Ser Lys Pro Asp Asn Pro Gly Glu Gly Ala Pro Ala Glu Asp
1   5   10   15

Leu Ala Lys Tyr Tyr Ser Ala Leu Arg His Tyr Ile Asn Leu Ile Thr
            20   25   30

Arg Gln Arg Tyr
        35

<210> 24
<211> 36
<212> PRT
<213> Lampetra sp.

<400> 24
Pro Pro Asn Lys Pro Asp Ser Pro Gly Glu Asp Ala Pro Ala Glu Asp
1   5   10   15

Leu Ala Arg Tyr Leu Ser Ala Val Arg His Tyr Ile Asn Leu Ile Thr
            20   25   30

Arg Gln Arg Tyr
        35

<210> 25
<211> 36
<212> PRT
<213> Ovis aries

<400> 25
Ala Pro Leu Glu Pro Val Tyr Pro Gly Asp Asn Ala Thr Pro Glu Gln
1   5   10   15

Met Ala Gln Tyr Ala Ala Asp Leu Arg Arg Tyr Ile Asn Met Leu Thr
            20   25   30

Arg Pro Arg Tyr
        35

<210> 26
<211> 36
<212> PRT
<213> Sus sp.

<400> 26
Ala Pro Leu Glu Pro Val Tyr Pro Gly Asp Asp Ala Thr Pro Glu Gln
1   5   10   15

Met Ala Gln Tyr Ala Ala Glu Leu Arg Arg Tyr Ile Asn Met Leu Thr
            20   25   30

Arg Pro Arg Tyr
        35

<210> 27
<211> 36
<212> PRT

<213> Canis familiaris

<400> 27
Ala Pro Leu Glu Pro Val Tyr Pro Gly Asp Asp Ala Thr Pro Glu Gln
1   5   10   15

Met Ala Gln Tyr Ala Ala Glu Leu Arg Arg Tyr Ile Asn Met Leu Thr
            20   25   30

Arg Pro Arg Tyr
        35

<210> 28
<211> 36
<212> PRT
<213> Felis catus

<400> 28
Ala Pro Leu Glu Pro Val Tyr Pro Gly Asp Asn Ala Thr Pro Glu Gln
1   5   10   15

Met Ala Gln Tyr Ala Ala Glu Leu Arg Arg Tyr Ile Asn Met Leu Thr
            20   25   30

Arg Pro Arg Tyr
        35

<210> 29
<211> 36
<212> PRT
<213> Bos taurus

<400> 29
Ala Pro Leu Glu Pro Glu Tyr Pro Gly Asp Asn Ala Thr Pro Glu Gln
1   5   10   15

Met Ala Gln Tyr Ala Ala Glu Leu Arg Arg Tyr Ile Asn Met Leu Thr
            20   25   30

Arg Pro Arg Tyr
        35

<210> 30
<211> 36
<212> PRT
<213> Rattus sp.

<400> 30

Ala Pro Leu Glu Pro Met Tyr Pro Gly Asp Tyr Ala Thr His Glu Gln
1   5   10   15

Arg Ala Gln Tyr Glu Thr Gln Leu Arg Arg Tyr Ile Asn Thr Leu Thr
            20   25   30

Arg Pro Arg Tyr
        35

<210> 31
<211> 36
<212> PRT
<213> Mus musculus

<400> 31
Ala Pro Leu Glu Pro Met Tyr Pro Gly Asp Tyr Ala Thr Pro Glu Gln
1   5   10   15

Met Ala Gln Tyr Glu Thr Gln Leu Arg Arg Tyr Ile Asn Thr Leu Thr
            20   25   30

Arg Pro Arg Tyr
        35

<210> 32
<211> 37
<212> PRT
<213> Cavia porcellus

<400> 32
Ala Pro Leu Glu Pro Val Tyr Pro Gly Asp Asn Ala Thr Pro Glu Gln
1   5   10   15

Gln Met Ala Gln Tyr Ala Ala Glu Met Arg Arg Tyr Ile Asn Met Leu
            20   25   30

Thr Arg Pro Arg Tyr
        35

<210> 33
<211> 36
<212> PRT
<213> Gallus gallus

<400> 33
Gly Pro Ser Gln Pro Thr Tyr Pro Gly Asp Asp Ala Pro Val Glu Asp
1   5   10   15

Leu Ile Arg Phe Tyr Asn Asp Leu Gln Gln Tyr Leu Asn Val Val Thr
            20   25   30

Arg His Arg Tyr
        35

<210> 34
<211> 36
<212> PRT
<213> Unknown

<220>
<221> source
<223> /note="Description of Unknown: Alligator Pancreatic
      polypeptide"

<400> 34
Thr Pro Leu Gln Pro Lys Tyr Pro Gly Asp Gly Ala Pro Val Glu Asp
1   5   10   15

Leu Ile Gln Phe Tyr Asn Asp Leu Gln Gln Tyr Leu Asn Val Val Thr
            20   25   30

Arg Pro Arg Phe
        35

<210> 35
<211> 36
<212> PRT
<213> Rana catesbeiana

<400> 35
Ala Pro Ser Glu Pro His His Pro Gly Asp Gln Ala Thr Pro Asp Gln
1   5   10   15

Leu Ala Gln Tyr Tyr Ser Asp Leu Tyr Gln Tyr Ile Thr Phe Ile Thr
            20   25   30

Arg Pro Arg Phe
        35

<210> 36
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<221> source

<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 36
Lys His Tyr Leu Asn Leu Val Thr Arg Gln Arg Tyr
1 5 10

<210> 37
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 37
Arg His Thr Leu Asn Leu Val Thr Arg Gln Arg Tyr
1 5 10

<210> 38
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 38
Arg His Phe Leu Asn Leu Val Thr Arg Gln Arg Tyr
1 5 10

<210> 39
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 39
Arg His Tyr Ile Asn Leu Val Thr Arg Gln Arg Tyr
1 5 10

<210> 40
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 40
Arg His Tyr Val Asn Leu Val Thr Arg Gln Arg Tyr
1 5 10

<210> 41
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 41
Arg His Tyr Leu Gln Leu Val Thr Arg Gln Arg Tyr
1 5 10

<210> 42
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 42
Arg His Tyr Leu Asn Ile Val Thr Arg Gln Arg Tyr
1 5 10

<210> 43
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 43
Arg His Tyr Leu Asn Val Val Thr Arg Gln Arg Tyr
1 5 10

<210> 44

<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 44
Arg His Tyr Leu Asn Leu Ile Thr Arg Gln Arg Tyr
1 5 10

<210> 45
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 45
Arg His Tyr Leu Asn Leu Leu Thr Arg Gln Arg Tyr
1 5 10

<210> 46
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 46
Arg His Tyr Leu Asn Leu Val Ser Arg Gln Arg Tyr
1 5 10

<210> 47
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 47
Arg His Tyr Leu Asn Leu Val Thr Lys Gln Arg Tyr
1 5 10

<210> 48
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 48
Arg His Tyr Leu Asn Leu Val Thr Arg Asn Arg Tyr
1 5 10

<210> 49
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 49
Arg His Tyr Leu Asn Leu Val Thr Arg Gln Lys Tyr
1 5 10

<210> 50
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<221> source
<223> /note="Description of Artificial Sequence: Synthetic
peptide"

<400> 50
Arg His Tyr Leu Asn Leu Val Thr Arg Gln Arg Thr
1 5 10

<210> 51
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<221> sour